Title (en)

Method and apparatus for network management using periodic measurements of indicators

Title (de)

Verfahren und Vorrichtung zur Netzwerkverwaltung unter Verwendung periodischer Messungen von Indikatoren

Title (fr)

Procédé et appareil pour la gestion de réseaux utilisant des mesures périodiques d'indicateurs

Publication

EP 2259497 A3 20110309 (EN)

Application

EP 10179384 A 20040513

Priority

- US 47025603 P 20030514
- EP 08168068 A 20040513
- EP 04752031 A 20040513
- US 2004014901 W 20040513

Abstract (en)

[origin: WO2004104737A2] A beacon signal used in data communications, such as the IEEE 802.11, is provided with data extensions. The data extensions permit additional information to be provided by the beacon signal. Periodic beacon requests are made during connection between a wireless transmit/receive unit (WTRU) and an access point (AP) on a WLAN. A Measurement Request field corresponding to a beacon request contains a measurement duration value and channel number for which the request applies. The beacon request permits a scan mode which includes "Active Scan" mode, "Passive Scan" mode and "Beacon Table" mode.

IPC 8 full level

H04W 48/14 (2009.01); **H04B 1/38** (2006.01); **H04L 12/28** (2006.01); **H04M 1/00** (2006.01); **H04M 11/00** (2006.01)

IPC 8 main group level

G06F (2006.01)

CPC (source: BR EP KR US)

H04L 43/06 (2013.01 - KR); **H04W 24/08** (2013.01 - BR KR US); **H04W 24/10** (2013.01 - BR KR US); **H04W 48/14** (2013.01 - EP KR US); **H04W 84/12** (2013.01 - KR); H04W 84/12 (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

WO 2004104737 A2 20041202; **WO 2004104737 A3 20050909**; AR 044591 A1 20050921; AU 2004241541 A1 20041202; AU 2004241541 B2 20081106; AU 2009200458 A1 20090226; AU 2009200458 B2 20111020; BR PI0411180 A 20060718; BR PI0411180 B1 20200121; CA 2525837 A1 20041202; CA 2525837 C 20130903; CA 2820104 A1 20041202; CA 2820104 C 20170620; CA 2926855 A1 20041202; CA 2926855 C 20180918; CN 100479580 C 20090415; CN 101527923 A 20090909; CN 101527923 B 20110914; CN 101527924 A 20090909; CN 101527924 B 20110126; CN 101527926 A 20090909; CN 101527926 B 20200717; CN 1788510 A 20060614; EP 1623587 A2 20060208; EP 1623587 A4 20060614; EP 2015516 A2 20090114; EP 2015516 A3 20090304; EP 2015516 B1 20170301; EP 2182678 A2 20100505; EP 2182678 A3 20100602; EP 2182678 B1 20170405; EP 2259497 A2 20101208; EP 2259497 A3 20110309; EP 2259497 B1 20190626; GE P20105046 B 20100712; HK 1088487 A1 20061103; HK 1134389 A1 20100423; HK 1134391 A1 20100423; IL 171717 A 20110531; JP 2007502091 A 20070201; JP 2008022581 A 20080131; JP 4549351 B2 20100922; JP 4673875 B2 20110420; KR 101142556 B1 20120503; KR 101142597 B1 20120503; KR 101237242 B1 20130227; KR 101318539 B1 20131016; KR 101600372 B1 20160307; KR 101604833 B1 20160321; KR 20060021309 A 20060307; KR 20090058040 A 20090608; KR 20110044927 A 20110502; KR 20110134950 A 20111215; KR 20120046330 A 20120509; KR 20120098956 A 20120905; KR 20150039870 A 20150413; MX PA05012243 A 20060208; NO 20055955 L 20060207; NO 333871 B1 20131007; SG 169899 A1 20110429; TW 200427262 A 20041201; TW 200529602 A 20050901; TW 200826549 A 20080616; TW 201215036 A 20120401; TW 201524239 A 20150616; TW I264196 B 20061011; TW I368413 B 20120711; TW I368414 B 20120711; TW I467960 B 20150101; TW I551167 B 20160921; US 2005009565 A1 20050113; US 2010202315 A1 20100812; US 2012307663 A1 20121206; US 2015109951 A1 20150423; US 2017188251 A1 20170629; US 7710930 B2 20100504; US 8265051 B2 20120911; US 9332451 B2 20160503; US 9668157 B2 20170530; US 9961577 B2 20180501

DOCDB simple family (application)

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